

# Super Typhoon (STY) 22W (Saomai\*)

First Poor : 0600Z 31 Aug 00

First Fair : 0600Z 01 Sep 00

First TCFA : 0130Z 02 Sep 00

First Warning : 1200Z 02 Sep 00

Last Warning : 0600Z 16 Sep 00

Max Intensity : 140 kts, Gusts to 170 kts

Landfall : 2030Z 15 Sep 00

Total Warnings : 56

Remarks:

- (1) STY 22W was a long-lived cyclone that affected Japan and South Korea after passing through the Mariana Islands.
- (2) Rapid intensification occurred between 0600Z on 9 September (90 kts) and 1800Z on 10 September (140 kts): 50 kts in 30 hours.
- (3) Kadena Air Base, Okinawa, recorded more than six inches of rain, with maximum sustained winds of 51 knots and gusts to 76 knots. One U.S. serviceman on Okinawa drowned during storm passage. Yoron Island, north of Okinawa, reported sustained winds of 65 knots.
- (4) The outer edges of STY 22W also affected Zhoushan Island, China, destroying more than 700 homes.
- (5) STY 22W produced over 32 inches of rain in parts of central Japan, killing 7 people, while flooding 12,000 homes and destroying 14.
- (6) The Korea Meteorological Administration (KMA) reported that STY 22W produced 491 mm of heavy rainfall during 12 to 16 September in the southern portion of the Republic of Korea. KMA also reported 6 fatalities, with 990 injured and an estimated 7000 ha of farmland flooded due to this cyclone.

\* Name assigned by RSMC Tokyo

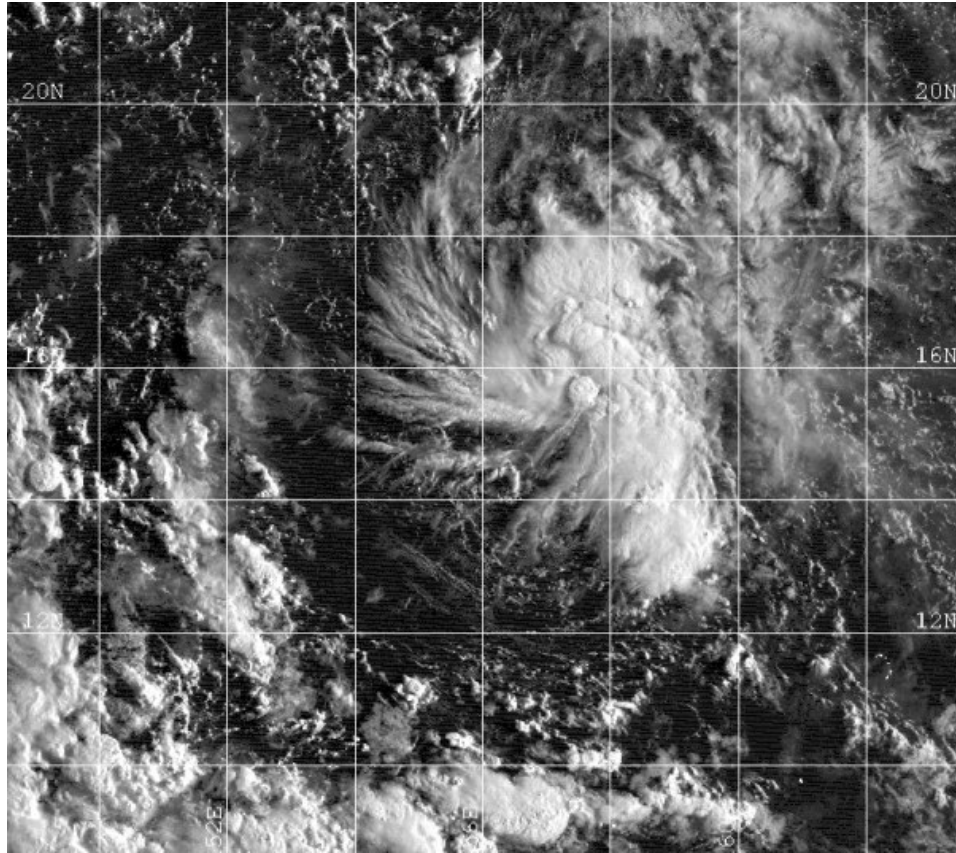


Figure 1-22W-1. 012031Z September 2000 GMS-5 visible image of the disturbance (located about 12 degrees east of the Mariana Islands) that developed into STY 22W.

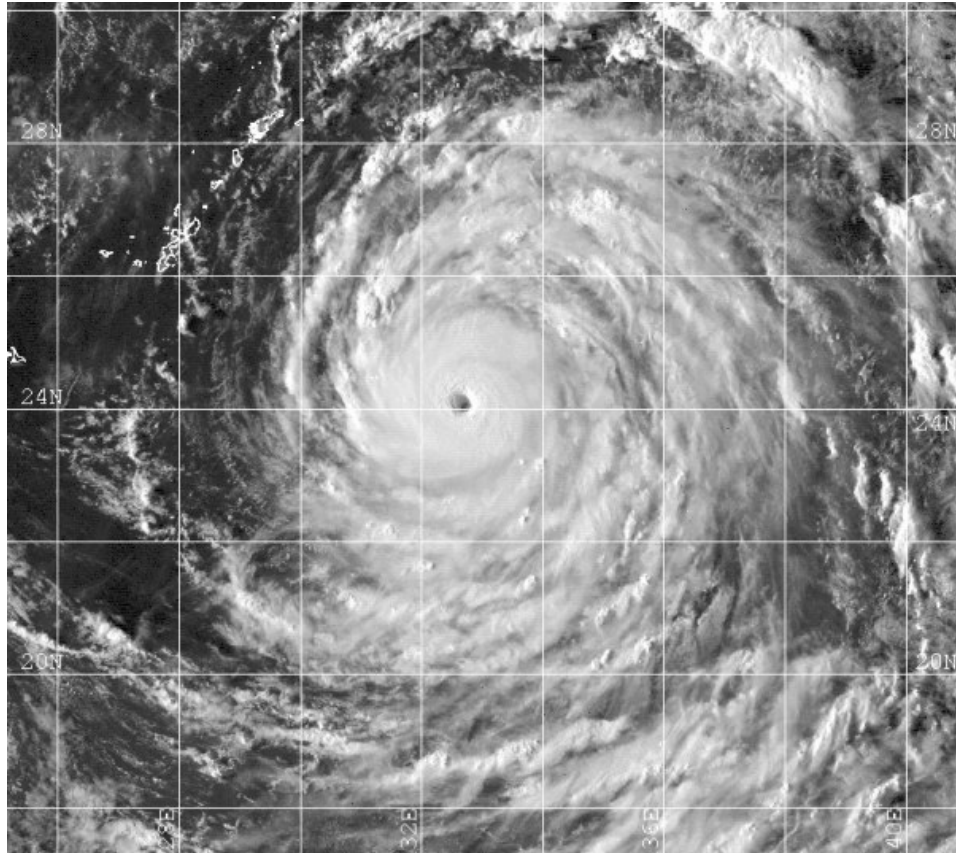


Figure 1-22W-2. 100731Z September 2000 GMS-5 visible image of STY 22W, with a well-defined eye embedded in a symmetric central dense overcast. Outflow can be seen in all directions. At this time, the cyclone is located about 310 nm east-southeast of Okinawa, Japan.

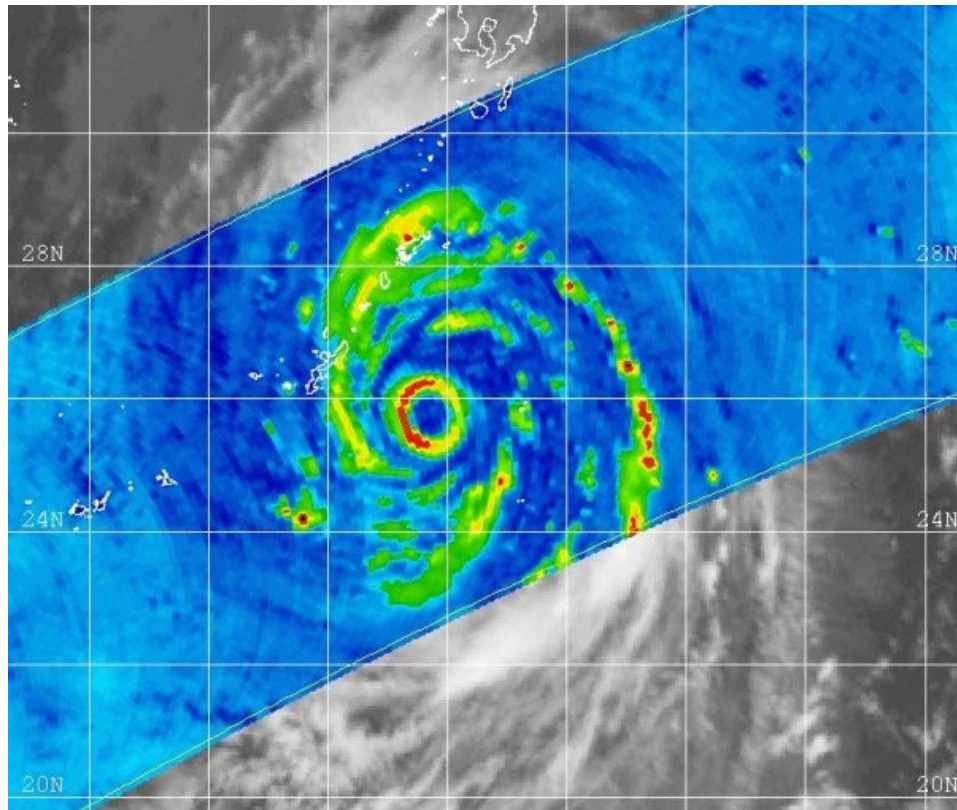


Figure 1-22W-3. 111541Z September 2000 TRMM 85 GHz image of STY 22W, when the cyclone was located about 125 nm east-southeast of Okinawa and less than 24 hours before passing over that island. An intense eyewall is seen, along with several bands around the periphery of the circulation center.

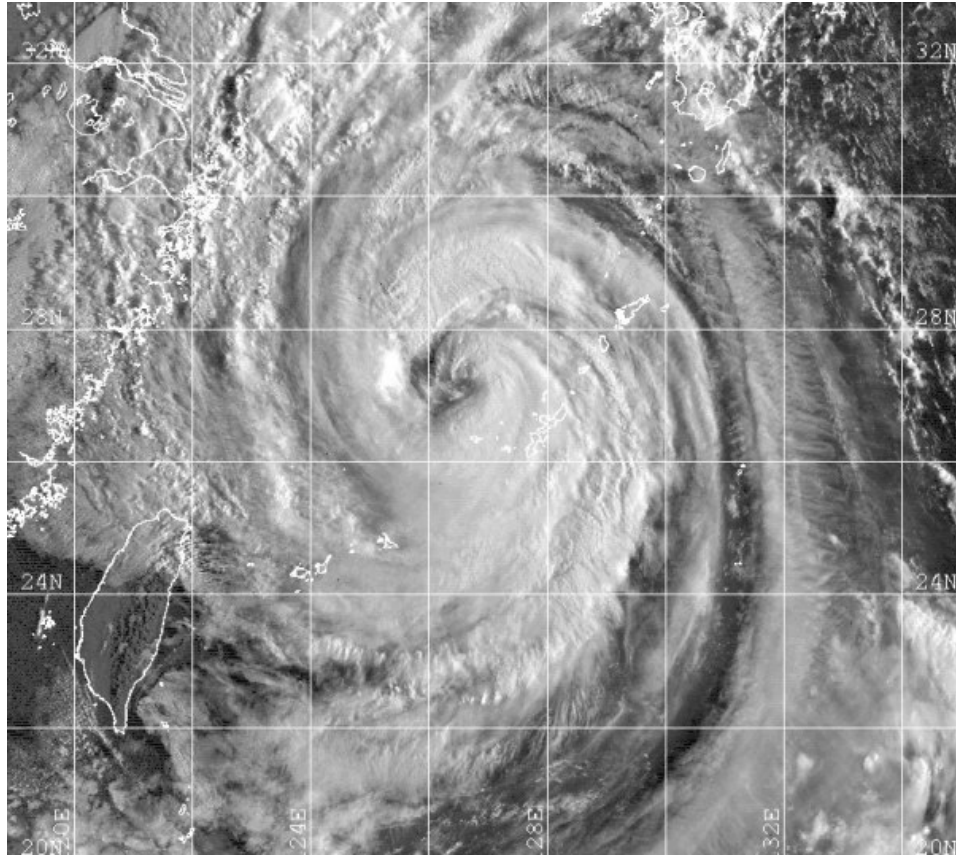


Figure 1-22W-4. 122224Z September 2000 GMS-5 visible image of STY 22W, when the cyclone was located about 75 nm northwest of Okinawa with a filling eye and most of the deep convection only in the eastern semicircle.

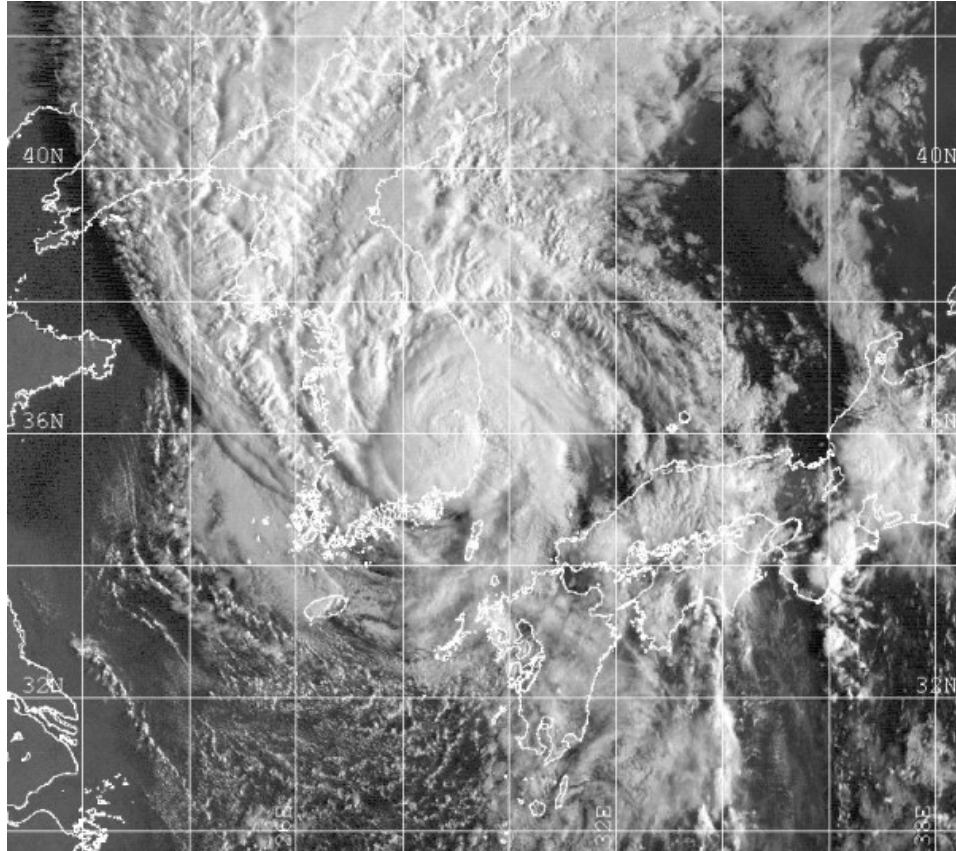
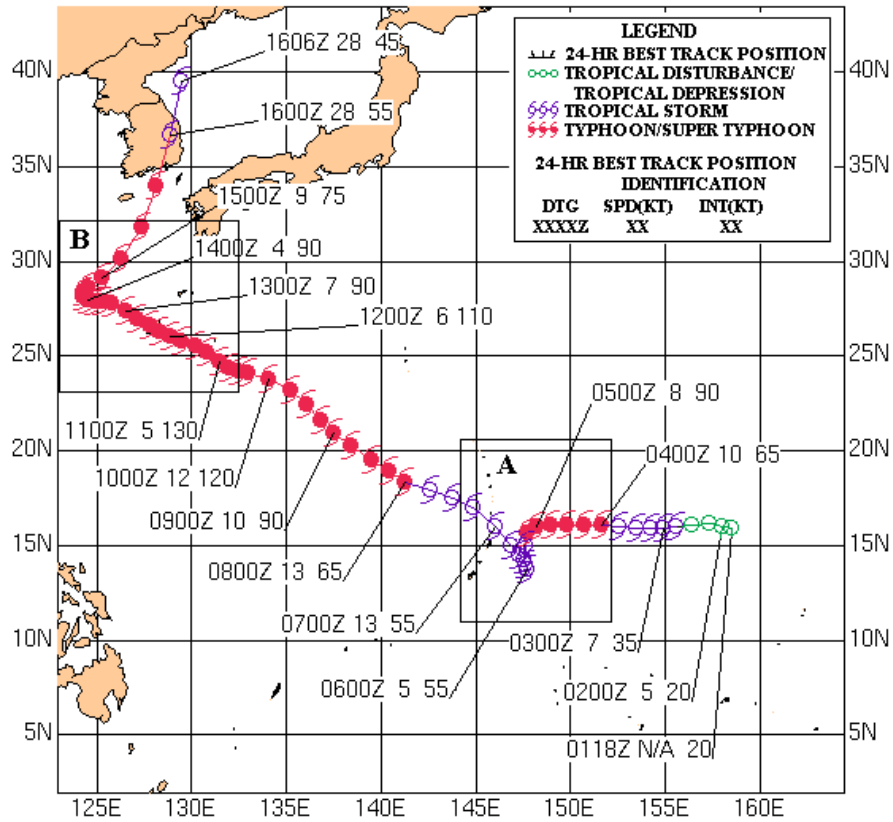


Figure 1-22W-5. 152224Z September 2000 GMS-5 visible image of STY 22W, just a few hours after landfall over South Korea. The cyclone had begun extra-tropical transition, with convection displaced to the north.

**SUPER TYPHOON 22W (SAOMAI)**  
**02 - 16 SEPTEMBER 2000**



See below to view insets "A" and "B" detail

